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PHOTOGRAPHIC INTERPRETATION REPORT



PROBABLE SITE
OF 20 DECEMBER 1967
SEISMIC DISTURBANCE NEAR
KUSHMURUN, USSR

TCS-20265/68

JUNE 1968

COPY 113

2 PAGES

handle via **TALENT-KEYHOLE** control only

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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NAME

Probable Site of 20 December 1967 Seismic Disturbance Near Kushmurun

COUNTRY	GEO COORDINATES	WAC	BE NO	NPIC NO	COMIREX NO
USSR	54-03N 065-10E	0164		CA3	

25X1A

25X1D

25X1A

(TS RUFF); ACIC. USAF ONC E-5(CEO),
1st classified ed, Jun 61, scale 1:1,000,000 (C); Project No 11573AU/66

A photographic search within a 10-nm radius of the 20 Dec 67 seismic disturbance recorded at 54-03N 065-08E has revealed an elongated crater, probably produced by a chemical row charge, approximately 3 nm east of Yershovka, Kustanayskaya Oblast, USSR (Figure 1). The crater, at 54-03N

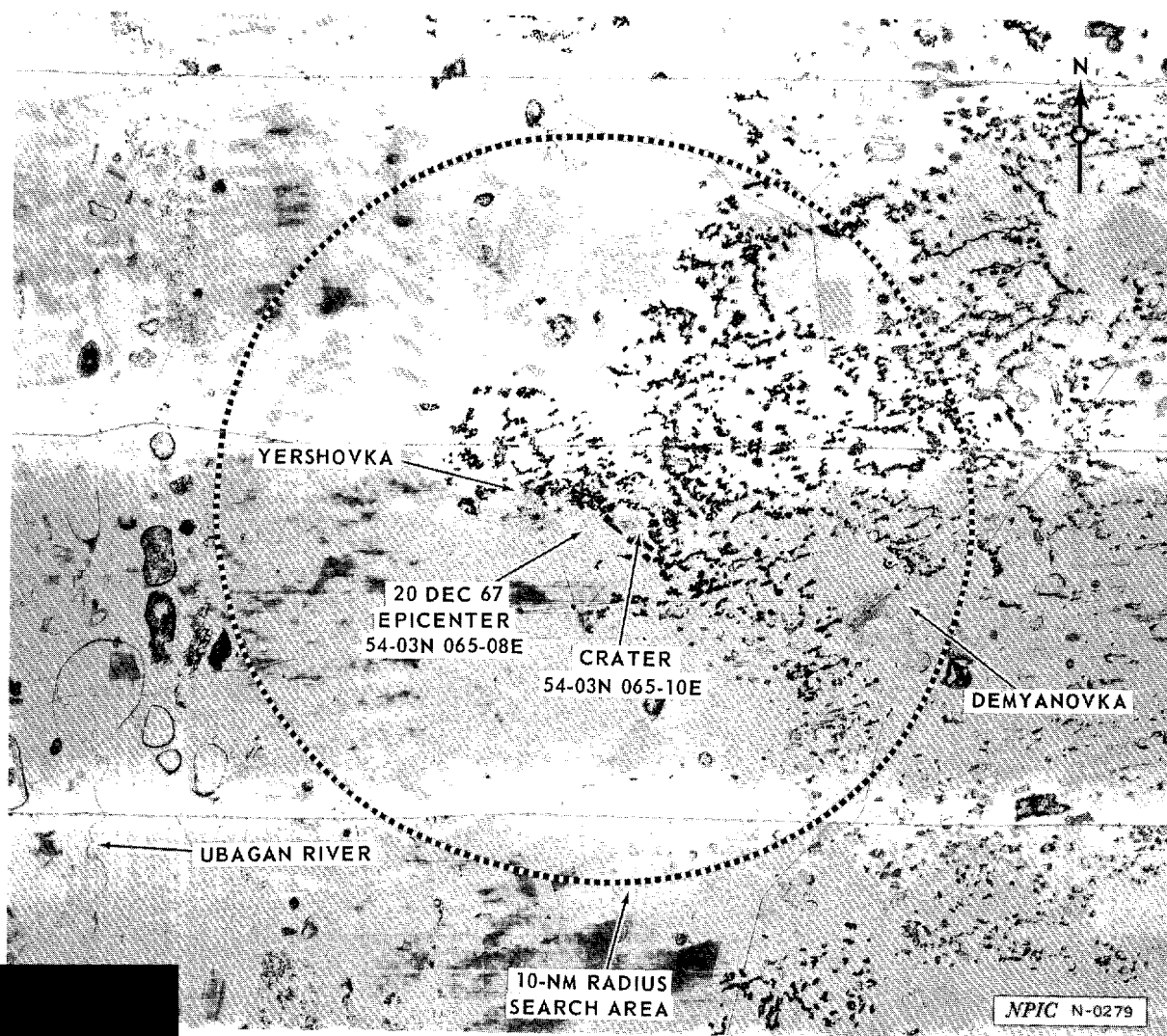


FIGURE 1.

065-10E, is approximately 112 nm north of Kushmurun, Kustanayskaya Oblast. Because the crater is located approximately 2 nm east of the 20 Dec 67 seismic disturbance and since it appeared after [REDACTED] and before [REDACTED] it is probably the result of the disturbance. The crater was not present on [REDACTED] but was present on [REDACTED]. [REDACTED] was the first snow-free, clear coverage of the crater, and no change was observed. The crater may have been created for use as a drainage reservoir for the nearby low areas.

The crater is at the SE edge of an intermittent lake. The crater's length is approximately 635 ft and its width varies from 140 to 200 ft. The maximum depth of the crater is approximately 40 ft. Throwout is discernible to distances 1,950 ft SE and 1,870 ft NW from the crater. The center of the crater is approximately 17,800 ft from the center of the village of Yershovka (Figure 2).

Five smaller reservoirs are located within the 10-nm radius search area and are apparently water filled. However, only two of the five reservoirs exhibit the signatures of a crater produced by a chemical row explosion, and both were present in [REDACTED]. The three other reservoirs within the search area appear to have been machine excavated.

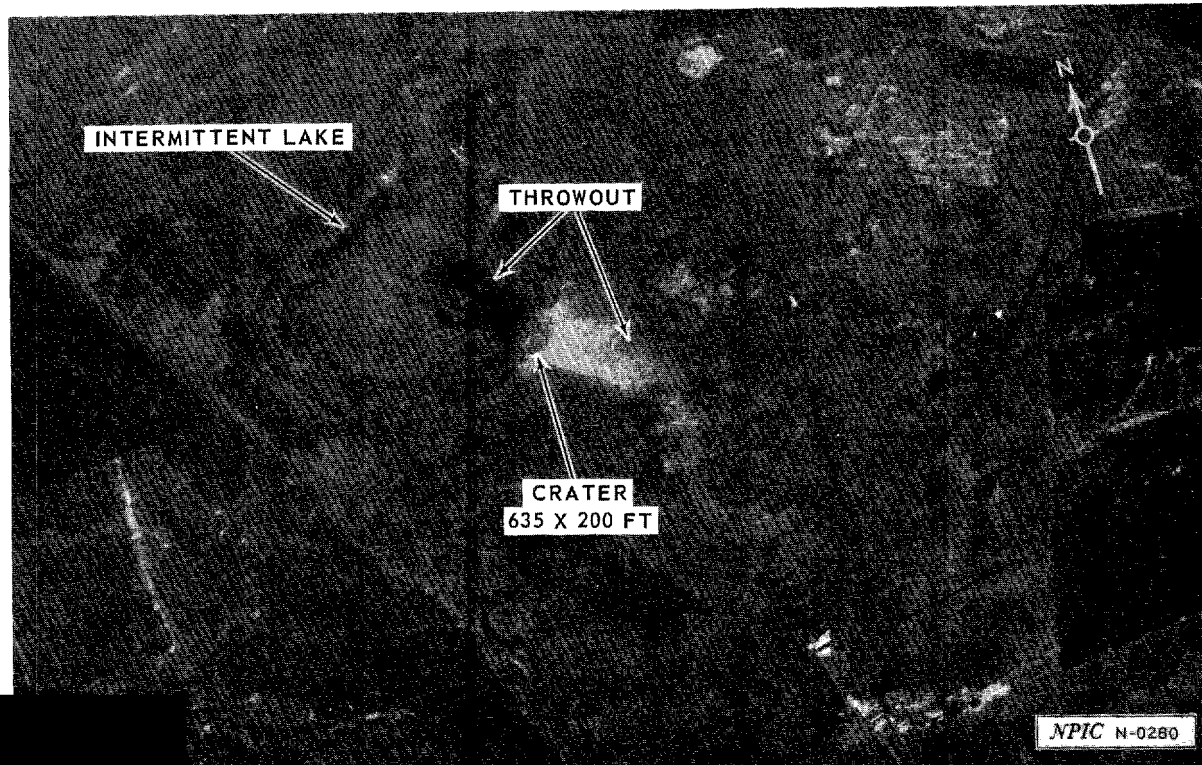


FIGURE 2.

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